

Listing of Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Previously Presented) A composite device having a laminate structure of a first ceramic layer and a second ceramic layer different from each other in composition, each of the ceramic layers having one or a plurality of circuit element patterns formed on a surface thereof to provide an electronic circuit for performing a predetermined function, an intermediate layer being interposed between the first ceramic layer and the second ceramic layer, the intermediate layer varying in composition in the direction of thickness thereof and exhibiting substantially the same shrinkage as the first ceramic layer at a joint thereof with the first ceramic layer when fired and substantially the same shrinkage as the second ceramic layer at a joint thereof with the second ceramic layer when fired.

2. (Previously Presented) A composite device according to claim 1 wherein the intermediate layer contains at least one of elements constituting the first ceramic layer and at least one of elements constituting the second ceramic layer, the intermediate layer containing a greater amount of said one element of the first ceramic layer than said one element of the second ceramic layer in the vicinity of the joint thereof with the first ceramic layer and a greater amount of said one element of the second ceramic layer than said one element of the first ceramic layer in the vicinity of the joint thereof with the second ceramic layer.

3. (Previously Presented) A composite device according to claim 1 wherein the intermediate layer has the same composition as the first ceramic layer in the vicinity of the joint thereof with the first ceramic layer and the same composition as the second ceramic layer in the vicinity of the joint thereof with the second ceramic layer.

4. (Previously Presented) A composite device according to claim 1 wherein the intermediate layer is made from a material having a specific resistance of at least $10^4 \Omega\text{-cm}$.

5. (Previously Presented) A composite device according to claim 1 wherein the first ceramic layer is a magnetic body, and the second ceramic layer is a dielectric.

6-9. (Canceled)

10. (Previously Presented) A composite device having a laminate structure of a first ceramic layer and a second ceramic layer different from each other in composition, each of the ceramic layers having one or a plurality of circuit element patterns formed on a surface thereof to provide an electronic circuit for performing a predetermined function, wherein the first ceramic layer and the second ceramic layer are in contact with each other at a joint, and wherein at least the first ceramic layer varies in composition in the direction of thickness thereof and exhibits substantially the same shrinkage as the other ceramic layer at the joint thereof when fired.

11. (Previously Presented) A composite device according to claim 10 wherein at least one of said ceramic layers contains at least one of elements constituting the other ceramic layer and increases in the content of said one element toward the joint thereof with the other ceramic layer.

12. (Previously Presented) A composite device according to claim 10 wherein each ceramic layer has the same composition as the other ceramic layer in the vicinity of the joint thereof with the other ceramic layer.

13. (Previously Presented) A composite device according to claim 10 wherein the first ceramic layer is a magnetic body, and the second ceramic layer is a dielectric.

14. (Previously Presented) A composite device according to claim 10 wherein each of the first ceramic layer and the second ceramic layer as arranged in contact with each other varies in composition in the direction of thickness thereof, and the two ceramic layers exhibit substantially the same shrinkage in the vicinity of the joint thereof when fired.

15. (Currently Amended) A composite comprising a first green sheet and a second green sheet, said composite forming a composite device when heated, the ~~for use in fabricating a~~

composite device having a laminate structure of

a first ceramic layer and

a second ceramic layer

different from each other in composition and

arranged in contact with each other,

said composite device being made by contacting said first green sheet with the second green sheet prior to a firing step,

~~the first green sheet being serviceable as a material for the first ceramic layer, and~~

the first green sheet:

varying in composition in the direction of thickness thereof and

exhibiting the same shrinkage as ~~a second green sheet for making the second ceramic layer at a joint with the second green sheet~~ the second green sheet at its area of contact with said first green sheet when fired.

16-19. (Canceled)

20. (Currently Amended) A composite device having a laminate structure of a first ceramic layer and a second ceramic layer different from each other in composition, each of the ceramic layers having one or a plurality of circuit element patterns formed on a surface thereof to provide an electronic circuit for performing a predetermined function,

the first ceramic layer having

a three-layer structure comprising an intermediate layer, and

a pair of surface layers that are arranged on opposite sides of the intermediate layer and ~~having~~ that have the same composition as the second ceramic layer.

21. (Previously Presented) A composite device according to claim 20 wherein the intermediate layer of the first ceramic layer is a magnetic body, and the second ceramic layer is a dielectric.

22. (Previously Presented) A composite device according to claim 20 wherein the intermediate layer of the first ceramic layer is a dielectric, and the second ceramic layer is a magnetic body.

23. (Currently Amended) A green sheet for use in fabricating ~~part of a first ceramic layer~~
~~of a composite device, said composite device~~ having a laminate structure of ~~a first~~ the first
ceramic layer and a second ceramic layer different from each other in composition, said second
ceramic layer being formed from a second green sheet;

~~the said~~ green sheet having a three-layer structure, ~~the three-layer structure~~ comprising
an intermediate layer, and

a pair of surface layers that are arranged on opposite sides of the intermediate
layer and ~~having~~ that have the same composition as ~~another~~ said second green sheet ~~for~~
~~making the second ceramic layer.~~

24-26. (Canceled)